

IN THE CLAIMS:

Claim 1 (previously presented): A gear made of resin, comprising a substantially annular toothed portion formed at a radially outer location, a shaft-supporting portion formed at a radially inner location around a rotational center of said toothed portion, a web connecting said shaft-supporting portion and said toothed portion to each other, wherein

at least two circumferential ribs are formed concentrically with the toothed portion and radially provided between said shaft-supporting portion and said toothed portion, a plurality of radially extending diametrical ribs are provided extending radially from an innermost side of a radially outermost of said at least two circumferential ribs toward said shaft supporting portion,

said radially outermost of said at least two circumferential ribs being formed outside of an intermediate point in the radial direction which is between the rotational center of the gear and the outermost circumference of the gear, and

the circumferential sectional shape of said web between said radially outermost of said at least two circumferential ribs and said toothed portion is a substantially corrugated shape.

Claim 2 (original): An image-forming device comprising a gear made of a resin according to claim 1, and a drive means for driving a photoconductor through said gear made of the resin.

Claim 3 (previously presented): A rotation-transmitting means made of a resin, comprising a substantially annular toothed portion formed at a radially outer location, a shaft-supporting portion formed at a radially inner location around a rotational center of said toothed portion, a web connecting said shaft-supporting portion and said toothed portion to each other, wherein

said web has at least two circumferential ribs formed thereon concentrically with said toothed portion,

a plurality of radially extending diametrical ribs are provided between said shaft-supporting portion and an innermost side of a radially outermost of said at least two of said circumferential ribs,

said radially outermost of said at least two circumferential ribs being formed outside of an intermediate point in the radial direction which is between the rotational center of the gear and the outermost circumference of the gear, and

the circumferential sectional shape of said web between an outermost side of said radially outermost of said at least two circumferential ribs and said toothed portion is a substantially corrugated shape.

Claim 4 (previously presented): The gear according to claim 1, wherein said circumferential sectional shape of said web is a corrugated shape contoured by a smooth curve.

Claim 5 (previously presented): The gear according to claim 1, wherein said circumferential sectional shape of said web is corrugated shape comprising triangles continuously connected together.

Claim 6 (previously presented): The gear according to Claim 4, wherein a thickness of said web that has said circumferential sectional shape which is said corrugated shape contoured by said smooth curve is substantially equal to a thickness of said web between the shaft-supporting portion and said at least one circumferential rib.

Claim 7 (cancelled).

Claim 8 (currently amended): The gear according to Claim 1, wherein a number of said plurality of radially extending diametrical ribs extending between said shaft-supporting portion and an innermost of said at least two circumferential ribs is substantially equal to a number of said plurality of radially extending diametrical ribs extending between said at least two circumferential ribs.

Claim 9 (currently amended): The gear according to Claim 3, wherein a number of said plurality of radially extending diametrical ribs extending between said shaft-supporting portion and an innermost of said at least two circumferential ribs is substantially equal to a number of said plurality of radially extending diametrical ribs extending between said at least two circumferential ribs.